

Tuesday, May 21, 2019

- 15:00 - 15:30 **Welcome, NGBD Vision, and Symposium Goals** Sala d'actes
Dr. Antoni Pérez-Navarro, Deputy Director of Research, eLearn Center, Universitat Oberta de Catalunya
Marta Aymerich, MD, MPH, PhD, Vice President of Strategic Planning and Research, Universitat Oberta de Catalunya
Dale Allen, PhD, President and Co-Founder, DXtera Institute
- 15:30 - 16:00 **NGBD Pillars of Success** Sala d'actes
Jeff Merriman, Chief Technology Officer and Co-Founder, DXtera Institute

THEME: ENABLING SMART DEMAND

- 16:00 - 16:30 **Critical Tales Taking Us Off the Rails** Sala d'actes
Mark Brown, Professor of Digital Learning and Director of the National Institute for Digital Learning (NIDL) at Dublin City University (DCU)
- This presentation begins with a transportation metaphor to critically reflect on the past, present and future of digital education. The talk then builds on this metaphor and lessons from the history of educational technology to critique some of the competing, co-existing and entangled narratives woven throughout the language of digital transformation for new learning futures. A critical tale is told which goes off the rails in critically reviewing some of the burgeoning literature promoting so-called digital literacies for successfully living, learning and working in the new knowledge economy. Set against the uncomfortable reality of today's digital skills gaps people are encouraged not to lose sight of the transformative mission of digital education for active citizenry to help reshape our societies for better futures—for all. In so doing the main objective is to raise greater critical awareness and deeper understanding of the powerful forces at play in efforts to design the next generation of skilled learners, workers and citizens.
- 16:30 - 17:00 **Enabling Smart Demand Panel** Sala d'actes
Linda McCarthy, Technical Director, Student & Academic Application, Boston College
Jeff Merriman, Chief Technology Officer and Co-Founder, DXtera Institute
Beth Havinga, Executive Director, German Alliance for Education
Moderator: Dr. Antoni Pérez-Navarro, Deputy Director of Research, eLearn Center, Universitat Oberta de Catalunya

17:00 - 17:45	Small Group Breakout Sessions Breakout 1 Breakout 2 Breakout 3	Sala d'actes Room 3/4 Room 5/6
17:45 - 18:15	Regroup and Day One Closing Remarks <i>Dale Allen, PhD, President and Co-Founder, DXtera Institute</i>	Sala d'actes
18:15 - 19:15	Reception	Foyer

Wednesday, May 22, 2019

9:30 - 9:45	Day Two Welcome <i>Dr. Josep A. Planell, President, Universitat Oberta de Catalunya</i>	Sala d'actes
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THEME: SCALING THE USE OF ARTIFICIAL INTELLIGENCE

9:45 - 10:15	AI in Education: A UNESCO perspective <i>Dr. Valtencir Mendes, Project Officer, Education Sector, UNESCO</i>	Sala d'actes
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The transformative power of Artificial Intelligence (AI) is impacting all economic and social sectors, including education. These frontier technologies have the potential to bring new possibilities for global development and societal change. However, the penetration of AI comes with concerns about ethics, security and human rights that must be addressed. Based on UNESCO's latest work on AI in Education (UNESCO 2019, in press), we'll learn which are the main implications of AI for the education sector, including the need to generate training and education about AI, as well as the necessity to provide information about the ethical reasoning people will have to employ in order to decide if they wish to use a particular AI application. Emerging technologies applied to education have entered a new era and we are already seeing the innovative ways in which AI can be used to tackle some of the biggest challenges faced by educators across the globe. This presentation will offer a global vision of AI used in the education sector highlighting some challenges and concrete examples of initiatives that are already providing solutions.

10:15 - 10:45 **Scaling the Use of Artificial Intelligence Panel** Sala d'actes
Dr. Timo Bechger, Lead Research Scientist, Advanced Psychometrics, ACTNext
Dr. David Bañeras, Lecturer, Universitat Oberta de Catalunya
Brian Co, Senior Vice President and Head of The Product Studio, Strada Education Network
Moderator: Beth Havinga, Executive Director, German Alliance for Education

10:45 - 11:15 **Coffee Break** Foyer

11:15 - 12:00 **Small Group Breakout Sessions**
 Breakout 1 Sala d'actes
 Breakout 2 Room 3/4
 Breakout 3 Room 5/6

12:00 - 12:30 **Regroup and Discussion** Sala d'actes
Beth Havinga, Executive Director, German Alliance for Education

THEME: FOSTERING INNOVATION IN EDUCATION

12:30 - 13:00 **Better Learning for Students?**
How Technology Can Help Students Perform Better Sala d'actes
Teuvo Sankila, Publishing Director, Otava Learning / Otava Publishing Company

Quick look to Finnish schools, What do they do with digital content and how we see the role of all-time-on line –connections in learning. The session includes also few scenarios about next development areas of learning. Examples from pupils and students everyday learning. Areas are primary, secondary and upper secondary schools.

13:00 - 13:30 **Fostering Innovation in Education Panel** Sala d'actes
Dr. Àngels Fitó Bertran, Vice President of Competitiveness and Employability, Universitat Oberta de Catalunya
Peter Gillis, Innovation Services Team Lead and Senior Researcher, Learnovate Centre
Scott Thorne, Senior Architect, DXtera Institute
Moderator: Timo Väliharju, Executive Director, Educloud Alliance

13:30 - 14:30 **LUNCH** Foyer

14:30 - 15:15 **Small Group Breakout Sessions**
Breakout 1
Breakout 2
Breakout 3

Sala d'actes
Sala d'actes - Rear
Room 3/4

15:15 - 15:45 **Regroup and Discussion**
Timo Väliharju, Executive Director, Educloud Alliance

Sala d'actes

THEME: LEARNER CONTROLLED EDUCATION RECORD

15:45 - 16:15 **Creating a Student-Controlled Education Record**
Matt Gee, Co-Founder and Chief Executive Officer, Brighthive

Sala d'actes

The NGBD contributors envision a future ecosystem and systems that will enable the student-controlled exchange of digital information between learning environments, business intelligence, and learning analytics, and education and career pathways applications/systems without integration barriers. Innovations occurring in collaborative efforts in data trusts, smart data collection, integration and governance solutions to transform the way data exchange and utilization among state agencies, education entities, businesses and the learner will be explored. The United States Department of Education Challenge winner, the EdRec Alliance and European collaborative efforts to develop an open-source fully portable, vendor-agnostic, self-sovereign student records will be highlighted.

16:15 - 16:45 **Learner Controlled Education Record Panel**
Jeff Merriman, Chief Technology Officer and Co-Founder, DXtera Institute
Chris Heron, Chief Executive Officer, Vivagogy
Simone Ravaioli, Director of Strategic Partnerships, Digitary
Moderator: Dale Allen, PhD, President and Co-Founder, DXtera Institute

Sala d'actes

16:45 - 17:15 **Coffee Break**

Foyer

17:15 - 17:45 **Small Group Breakout Sessions**
Breakout 1
Breakout 2
Breakout 3

Sala d'actes
Sala d'actes - rear
Room 3/4

17:45 - 18:15 **Regroup, Discussion, and Day 2 Closing Remarks**
Dale Allen, PhD, President and Co-Founder, DXtera Institute

Sala d'actes

Thursday, May 23, 2019

9:30 - 9:45 **Welcome** Sala d'actes
Dr. Antoni Pérez-Navarro, Deputy Director of Research, eLearn Center, Universitat Oberta de Catalunya

THEME: EMERGING TRENDS TO TRANSFORM THE EDUCATION MARKET

9:45 - 10:10 **Emerging Trends to Transform the Education Market** Sala d'actes
Scott Fleming, Executive Vice President and Chief Commercial and Product Officer, Strada Education Network

The NGBD vision to enable consumers to have control and choice in the marketplace of products and education delivery is hampered by the current conditions. Sharing this vision, the Strada Education Network, will provide insights that are occurring to shift the market through investments, strategic affiliations and collaborative actions.

10:10 - 10:30 **Emerging Trends to Transform the Education Market Panel** Sala d'actes
Michael Bourque, Vice President, Information Technology and CIO, Boston College
Timo Väliharju, Executive Director, Educloud Alliance
Alejandro Jara Weitzmann, CEO and Co-Founder, Smart Republic
Moderator: Dale Allen, PhD, President and Co-Founder, DXtera Institute

10:30 - 11:00 **Coffee Break**

11:00 - 11:45 **Small Group Breakout Sessions**
 Breakout 1 Sala d'actes
 Breakout 2 Room 3/4
 Breakout 3 Room 5/6

11:45 - 12:15 **Discussion on Emerging projects** Sala d'actes
Beth Havinga, Executive Director, German Alliance for Education

12:15 - 13:00 **Closing Remarks** Sala d'actes
Dr. Antoni Pérez-Navarro, Deputy Director of Research, eLearn Center, Universitat Oberta de Catalunya

NEXT GENERATION

BY DESIGN

Next Generation By Design (NGBD) Symposium Agenda | May 21-23, 2019
Palau Macaya | Passeig de Sant Joan, 108, 08037 Barcelona, Spain

Dale Allen, PhD, President and Co-Founder, DXtera Institute

